

JOEL STEPHEN

SUMMARY OF SKILLS :

- Experienced in back-end Programming languages - PHP, Python and front-end languages of HTML, CSS, Javascript and JQuery
- Maintained live website while directly working with all parts involved in a live website. Implemented changes to UI as well as modifying existing features and UI for better customer experience.
- Experienced in implementing new features, implementing APIs and integration with payment gateways.
- Experienced with working with MySQL databases as well as repairing existing data and programming new logic to convert raw data into readable information for management.
- Experience working in the e-commerce space and on a live website with daily traffic. Picked up skills and knowledge about maintaining the website and testing and performing changes without customer disruption.
- Experimented on changes to improve LCP and FCP and analyzed user traffic and data using Google Analytics, Cloudflare tools to locate and resolve speed issues.
- Running diagnostics and writing custom test programs to locate and fix issues and unit testing of new code.

WORK EXPERIENCE :

Preowned Collective Portal, Dubai, UAE

Junior Software Engineer

May 2020 - present

- Implementation of new features and modification of existing website code.
- Responsible for management of the entire website functioning on a day to day basis.
- Hotfixing and resolving issues on live website to prevent downtime and minimize affecting customer experience.
- Creating technical reports, requirement functionality documents for features and converting ideas into requirement documents and technical reports for implementation and estimating time required.
- Oversaw the complete implementation of a new website on Next/ReactJS and Wordpress from a custom PHP website. Created requirement documentation for this in conjunction with other developers.
- Completed the entire data migration to the new website from the existing website. This included extracting the data from MySQL database and redesigning and restructuring the data for the new website.
- Successful implementation of 2 payment gateways.
- Coding and unit testing the new features added to the website.
- Knowledge about website hosting, cloud deployment, SSL certifications, DMARC/DKIM/SPF compliance.
- Started AWS course to understand cloud hosting and development, on track to complete Cloud Practitioner Certification.
- Handled implementation and integration of the website with 3rd party service providers and with Google Ads, Analytics, Merchant.
- Processing Microsoft Clarity data to better understand user behavior and correct accordingly.
- Track Record in working actively to improve site loading speed with optimizations using Lighthouse and GTMetrix tools.
- SEO optimizations on the website front-end code to improve ranking of website and implement best practices.

Preowned Collective Portal, Dubai, UAE

Operations and Development Traineeship

November 2019 - May 2020

- Learned codebase from existing developer over the period of traineeship for hand over of code.
- Learned how to convert ideas into requirement documentation in JIRA for implementation.
- Website optimisation and working with CMS systems.
- Managing and monitoring website and domain health to actively prevent major downtimes on the website.

- Worked with JIRA, Git, Github, Confluence, Google Analytics.
- Prototyping and wire-framing using FIGMA for implementation of features on websites with help of research from existing user behavior from Hotjar and Microsoft Clarity combined with studies into industry best practices.

Alucor Limited, Dubai, UAE

Software Development Intern

January 2019 - July 2019

- Developed Web Application for internal company usage, to transition dependency from MS Excel to databases.
- Used Flask, implemented Model View Controller (MVC) architecture for application. Also implemented many libraries, mainly for authentication, authorization and security. Training for Flask was supervised under experienced professionals in the company.
- Created DB schema in MySQL and SQLite, and used ORM - SQLAlchemy.
- Implemented JSON and CSV parsing to read data into the database.
- Worked extensively with event-driven functions to provide user-friendliness.
- Implemented front-end designs using HTML5/CSS, JavaScript and jQuery.
- Ran checks and audits to optimize performance using Selenium and Chrome Lighthouse.
- Developed basic REST APIs to handle the web application.
- Used Git VCS, and Agile Programming methodology to gather requirements from the client.
- Deployed on the company server and implemented LDAP authentication.
- Actively implemented and learned to write clean code with PEP standards, CamelCase and through documentation of code.

EDUCATION :

Birla Institute of Technology and Science Pilani (BITS Pilani Dubai Campus), Dubai, UAE

Bachelor of Engineering in Computer Science Engineering (Hons)

August 2015 - August 2019

- Worked and learned multiple Programming languages like Python, Java and C on a variety of topics.
- Learned multiple programming concepts and topics like Object Oriented Programming, Data Structures and Algorithms, Artificial Neural Networks, Artificial Intelligence, Data Mining, Data Analytics, Database design, Computer Networks.
- Created a program to analyze historical stock data and make a prediction for the next days stock prices, using TensorFlow, Spyder and Python libraries

SKILLS :

- Languages : English (fluent), Hindi (conversational), Malayalam (native, conversational), Arabic (learning actively)
- Drivers License
- Programming Languages : PHP, Python
- Database : MySQL, MongoDB
- UI/UX Designing and Prototyping : Figma
- Front-End : jQuery, CSS, HTML5, AJAX, ReactJS
- Version Control and Agile softwares : Jira, Git, Gitlab, Confluence, Kanban Boards.
- Airtable, Vend, Autopilot, Mailchimp, Microsoft Suite
- Lighthouse, Selenium, GTMetrix
- Linux and Windows
- Postman for API testing